

Title (en)

LIGHT EMITTING SEAL, AND LIGHT SOURCE DEVICE

Title (de)

LICHTEMITTIERENDE DICHUNG UND LICHTQUELLENVORRICHTUNG

Title (fr)

ENCEINTE ÉMETTANT DE LA LUMIÈRE ET DISPOSITIF SOURCE DE LUMIÈRE

Publication

**EP 4174909 A1 20230503 (EN)**

Application

**EP 21909848 A 20210927**

Priority

- US 202017129750 A 20201221
- JP 2021035390 W 20210927

Abstract (en)

A light emitting sealed body includes: a housing which stores a discharge gas and is provided with a first opening to which first light is incident along a first optical axis and a second opening from which second light is emitted along a second optical axis; a first window portion which hermetically seals the first opening; a second window portion which hermetically seals the second opening; and a first electrode and a second electrode. The housing is formed of a light shielding material which does not transmit the first light and the second light. An internal space is defined by the housing, the first window portion, and the second window portion and the internal space is filled with the discharge gas. The first opening and the second opening are disposed so that the first optical axis and the second optical axis intersect each other.

IPC 8 full level

**H01J 65/04** (2006.01); **H01J 61/54** (2006.01); **H05H 1/24** (2006.01)

CPC (source: EP KR)

**H01J 65/04** (2013.01 - EP); **H01S 3/0305** (2013.01 - KR); **H01S 3/034** (2013.01 - EP KR); **H01S 3/038** (2013.01 - EP); **H01S 3/0385** (2013.01 - EP KR); **H01S 3/09702** (2013.01 - EP KR); **H01S 3/09716** (2013.01 - KR); **H01S 3/2255** (2013.01 - KR); **H01S 3/0305** (2013.01 - EP); **H01S 3/09716** (2013.01 - EP); **H01S 3/2255** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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